

Work Order ID 122037

122037

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July-10-14 7:41:59 AM

Item ID: D412-702-025 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Shoulder Harness 4 Point Attachment 4 Man Aft
Start Date: 7/10/14 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 7/11/14 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: W Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
N/A	Rev E								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels per PPP D412-702-025 CHG002								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

ML5 14-07-10

/X

DAS
06
9-89

/X

DAS
28
9-89

JUL 10 2014

DAS
31
9-89

/X

DAS
06
9-89

JUL 23 2014

Work Order ID 122037

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Item ID: D412-702-025

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Shoulder Harness 4 Point Attachment 4 Man Aft

Stop

NS2

Start Date: 7/10/14

Start Qty: 1.00

1

Cust Item ID:

Required Date: 7/11/14

Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

0.00

130

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-702-025

Location:

029
RWB

JUL 23 2014

DAS
06
9-89

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

JUL 14-07-24

AP 14-7-23

Picklist Print

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Work Order ID: 122037

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Parent Item: D412-702-025

D412-702-025

Parent Item Name: Shoulder Harness 4 Point Attachment 4 Man Aft

Start Date: 7/10/14

Required Date: 7/11/14

Start Qty: 1.00

Required Qty: 1.00

D3551-11

Manufactured No

120 Each

37.0000 4 4

D3551-11

Hook And Loop Tie

DAS
06
9-89

**

DAS
28
9-89 JUL 10 2014

Location

Loc Qty

Loc Code

ST	7	
120143	7	
ST418	30	
121427	30	

DAS
31
9-89

D4387-043

Manufactured No

Each

8.0000

D4387-043

Harness Assembly

**

DAS
28
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

ST	8	
118914	8	

MS21042L4

Purchased No

120 Each

4,766.000 12 12

MS21042L4

Locknut

DAS
06
9-89

**

DAS
28
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

ST307	4766	
121444	6	
m126015	12	
m126275	32	
m127255	71	
m127376	11	
m127813	971	
m128300	80	
m128798	2583	
m129472	1000	

DAS
06
9-89

July-10-14 7:41:59 AM

Shop Packet Print

Page 2

Picklist Print

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Work Order ID: 122037

122037

Parent Item: D412-702-025

D412-702-025

Parent Item Name: Shoulder Harness 4 Point Attachment 4 Man Aft

Start Date: 7/10/14

Required Date: 7/11/14

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0463J

Purchased

No

120

Each

7,485.000

20

20

DAS

28

9-89

JUL 10 2014

NAS1149D0463J

WASHER

DAS
06
9-89

Location

Loc Qty

Loc Code

ST277

7485

121912

12

16941

8

M126221

20

M127813

22

M127904

822

M128591

101

M128995

1500

M129390

5000

20X

DAS
31
9-89

QTY -021	QTY -023	QTY -025	QTY -027	QTY -029	QTY -035	Part Number	Description
X						D412-702-021	Dart 13-Man Shoulder Harness Kit, 4-point
	X					D412-702-023	Dart 5-Man Forward Facing Shoulder Harness Kit, 4-point
		X				D412-702-025	Dart 4-Man Aft Facing Shoulder Harness Kit, 4-point
			X			D412-702-027	Dart 4-Man Side Facing Shoulder Harness Kit, 4-point
				X		D412-702-029	Dart 1-Man Forward Facing Shoulder Harness Kit, 4-point
					X	D214-702-035	Dart 5-Man Aft Facing Shoulder Harness Kit, 4-point, for Bell 214B/B-1
1	1		1	1		D412-702-069	GROMMET KIT
2	2					D3195-041	BRACKET
2	2					D3195-043	BRACKET
1	1			1		D3196-1	BAR
1			1			D3196-3	BAR
1			1			D3196-4	BAR
2	2					D3197-041	BAR
4		4				D3198-1	FITTING
2	2					D3268-1	PLACARD
9	5		4	1		D3446-041	HARNESS ASSEMBLY, 4 POINT
4		4				D3446-043	HARNESS ASSEMBLY, 4 POINT
					5	D3446-045	HARNESS ASSEMBLY, 4 POINT
13	5	4	4	1	5	D3551-11	HOOK AND LOOP TIE
2	2					D3546-1	CLIP
4		4				AN4-5A	BOLT
4	4					AN4-13A	BOLT
8		8				AN4-20A	BOLT
20		20				AN960JD416	WASHER (OR NAS1149D0463J)
12		<12				MS21042L4	NUT (OR MS21042-4)
8	2		6	2		MS24694-S152	SCREW
8	2		6	2		MS24694-S154	SCREW

QTY -069	Part Number	Description
X	D412-702-069	GROMMET KIT
24	D3619-2	GROMMET
1	D3619-2T1	HOLE PUNCH
1	D3619-2T2	STRIKER BLOCK
1	D3619-2T3	PUNCH
1	D3619-2T4	DIE

REFERENCE ONLY

DART SERVICE INSTRUCTION

TO AMEND IIN-D412-702-1 REV. A,
AND ICA-D412-702 REV. 4 OR EARLIER APPROVED REVISIONS
REF. TCCA STC: SH04-7
REF. FAA STC: SR01997NY
REF. EASA STC: EASA.IM.R.S.00710

PURPOSE

The purpose of this DSI is to outline the replacement of existing D3446-041/-043 Shoulder Harnesses with the new and improved D4387-041/-043 Shoulder Harnesses.

CHANGE

For the following Kits, the D4387-041 and D4387-043 Shoulder Harnesses respectively replace the D3446-041 and D3446-043 Shoulder Harnesses as follows:






Old Harness P/N	Used On	New Harness P/N	Effectivity
D3446-041	D412-702-021	D4387-041	CHG 003 and subsequent
	D412-702-023		
	D412-702-027		CHG 002 and subsequent
	D412-702-029		
D3446-043	D412-702-021	D4387-043	CHG 003 and subsequent
	D412-702-025		CHG 002 and subsequent

Customers who want to upgrade their shoulder harnesses may replace their existing D3446-041/-043 with D4387-041/-043 per this service instruction.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: 
D. SHEPHERD (DE # 02)

DATE: 11.05.09
CERT. NO.: SH04-7
ISSUE NO.: 3

A	NEW ISSUE	MB	11.05.09
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9559	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		HARNESS CHANGE	NTS
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